

Fig. 1A

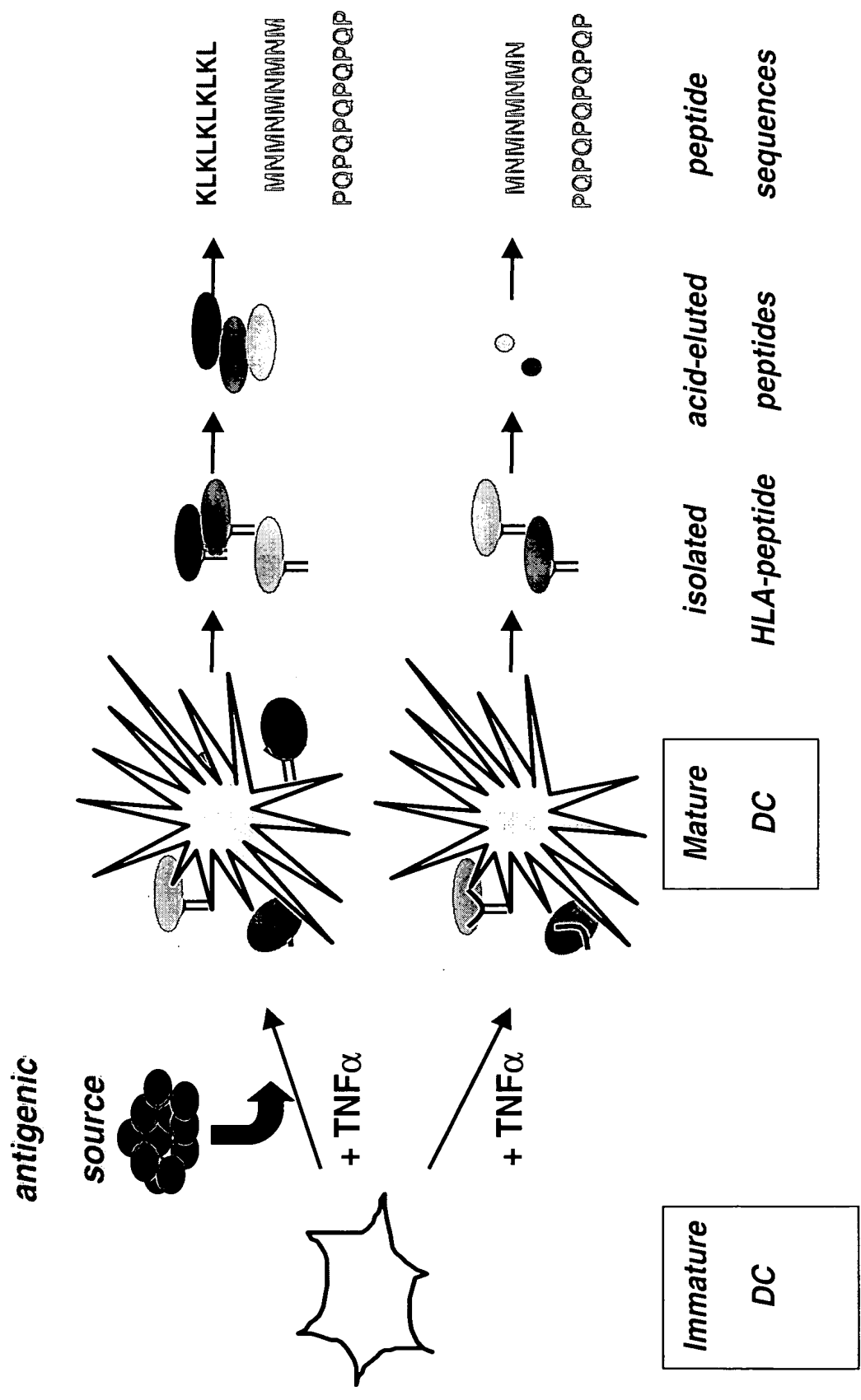


Fig. 1B

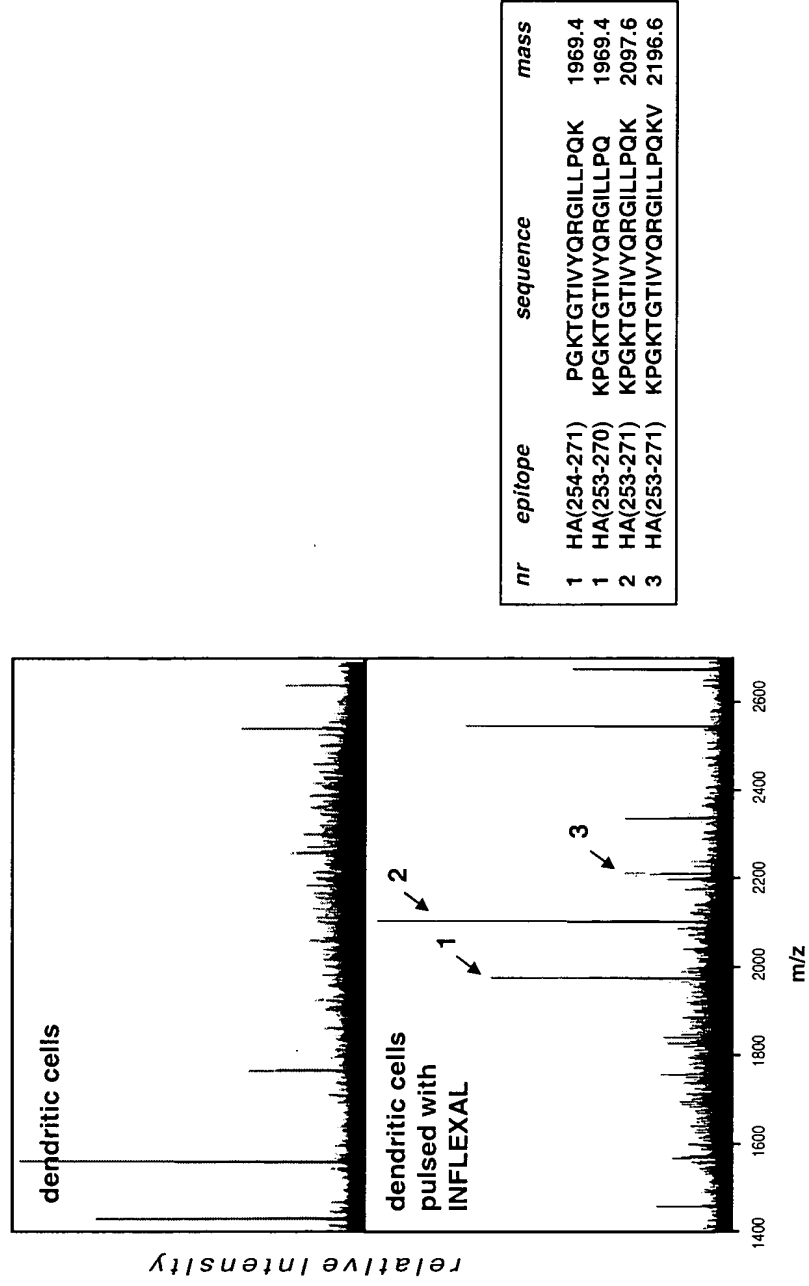


Fig. 2A

Influenza hemagglutinin (HA)
strain B/Yamanashi/166/98

| | | | | |
|-------------------|-------------------|-------------------|--------------------|-------------------|
| 10 | 20 | 30 | 40 | 50 |
| | | | | |
| DRICTGITSS | NSPHVVKTAT | QGEVNVTVGI | PLTTTPTKSH | FANLKGTKTR |
| 60 | 70 | 80 | 90 | 100 |
| | | | | |
| GKLCPTCLNC | TDLDVALGRP | MCVGVTPPSAK | ASILHEVRPV | TSGCFPIIMHD |
| 110 | 120 | 130 | 140 | 150 |
| | | | | |
| RTKIRQLPNL | LRGYEKIRLS | TQNVINAEKA | PGGPYRLGTS | GSCP NATSRS |
| 160 | 170 | 180 | 190 | 200 |
| | | | | |
| GFFATMAWAV | PKDNNKTATN | PLTVEVPHIC | TKEEDQITVW | GFHSDNKTQM |
| 210 | 220 | 230 | 240 | 250 |
| | | | | |
| KNLYGDSNPQ | KFTSSANGVT | THYVVSQIGGF | PDQTEDGGLP | QSGRIVVDDYM |
| 260 | 270 | 280 | 290 | 300 |
| | | | | |
| <u>VQKPGKTGTI</u> | <u>VYQRGILLPQ</u> | <u>KVWCASGRSK</u> | <u>VIKGSLLPLIG</u> | <u>EADCLHEKYG</u> |
| 310 | 320 | 330 | 340 | 346 |
| | | | | |
| GLNKS KPYT | GEHAKAIGNC | PIWVKTPCLK | ANGTKYRPPA | KLLKER |

Fig. 2B

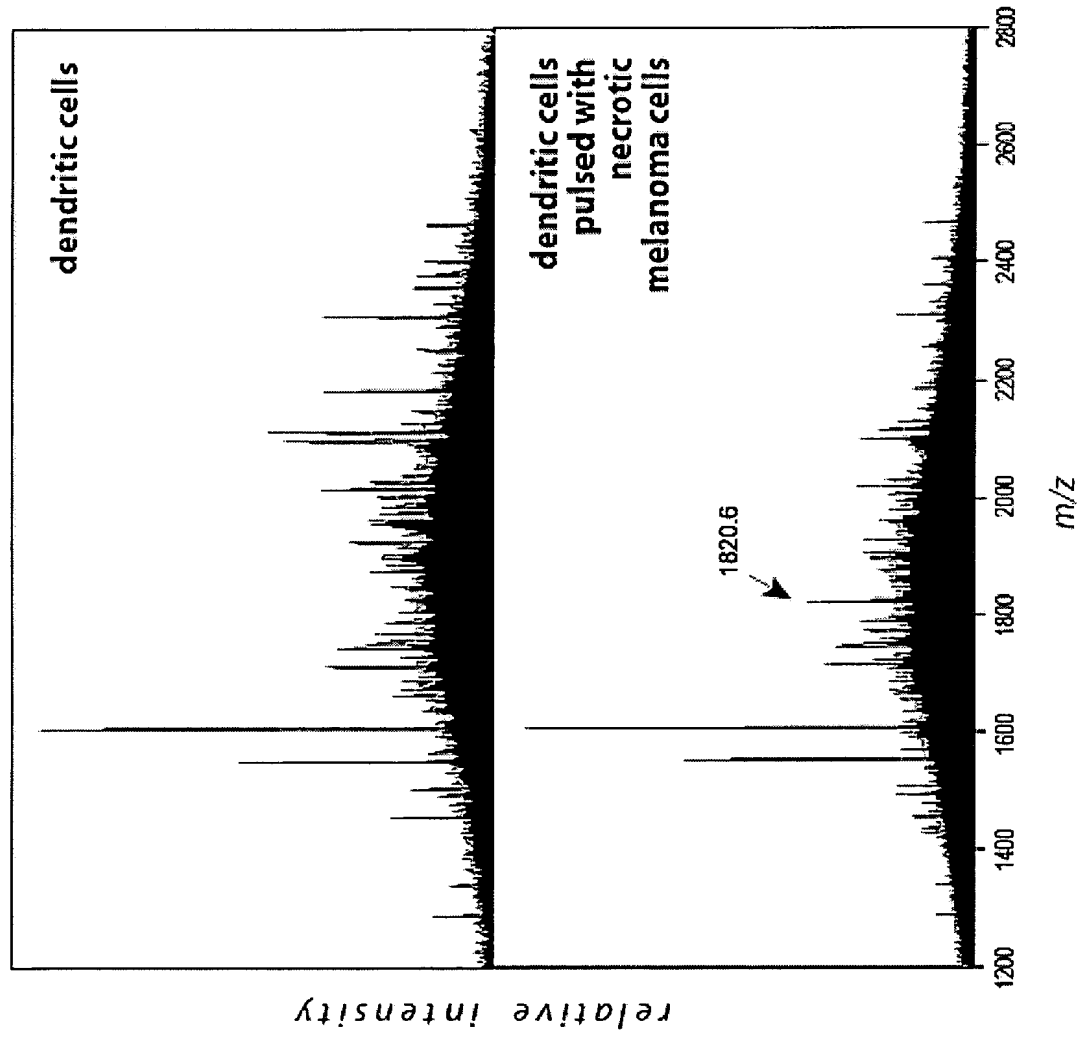


Fig. 3A

MALDI-PSD Fragmentation Spectrum

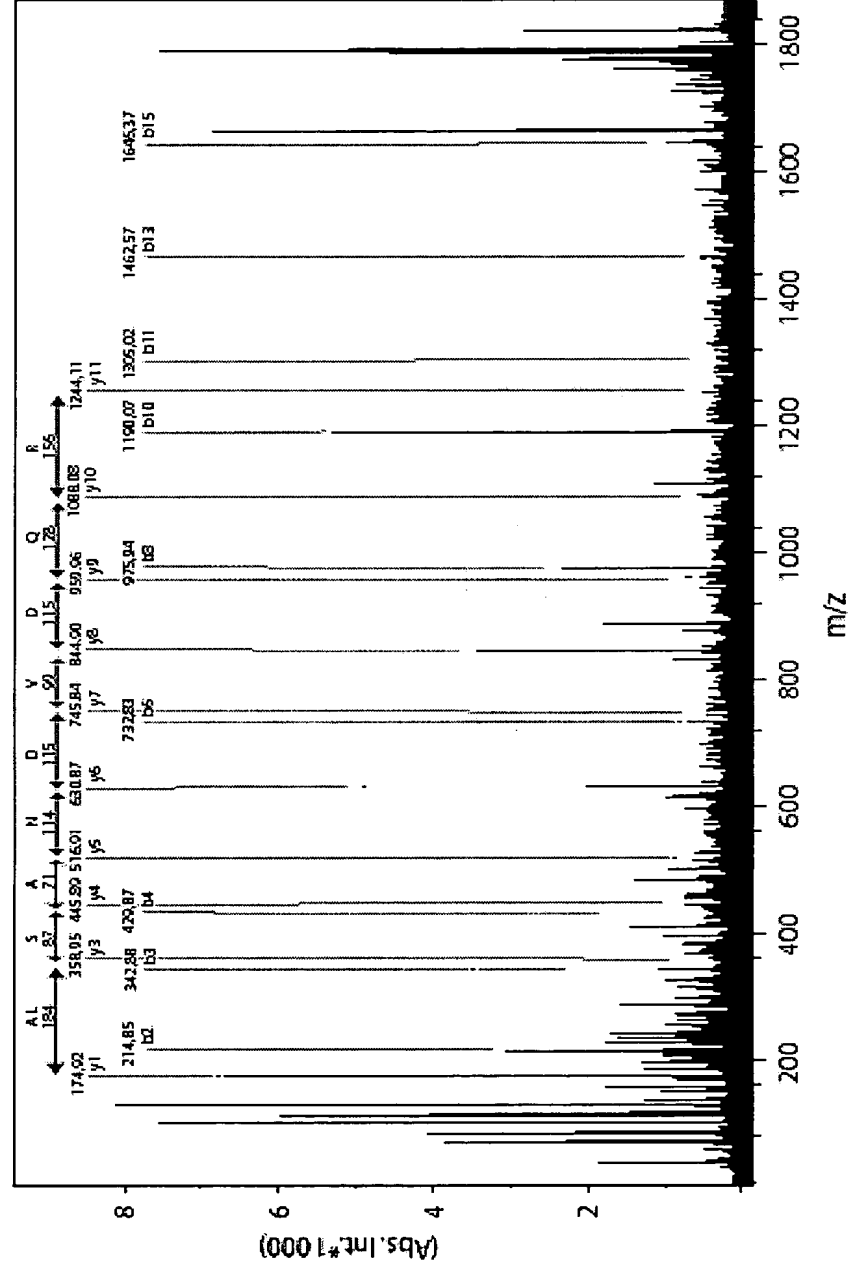


Fig. 3B

ION-TRAP MS-MS Spectrum

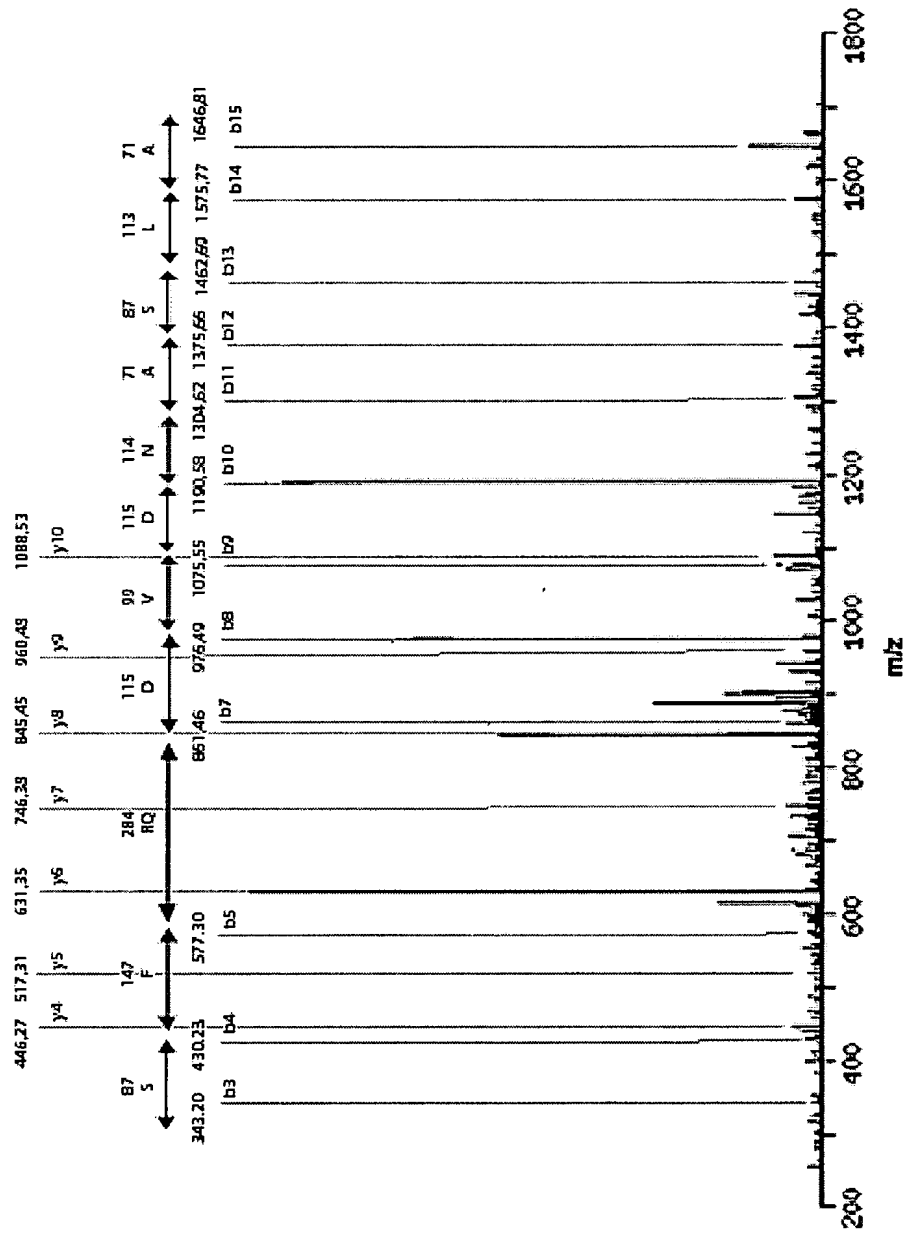


Fig. 3C